

NOTE:
MD 214 IS ASSUMED TO
RUN IN AN EAST-WEST
DIRECTION.

TO US 301



B

EQUIPMENT TO BE FURNISHED AND / OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8001	4 EACH	12 INCH - R.Y.G - LED SIGNAL HEAD SECTION
8005	1 EACH	3M OPTICOM NO 764 DISCRIMINATOR MODULE
8017	1 EACH	REMOVE AND DISPOSE OF EQUIPMENT PER ASSIGNMENT
8021	77 L.F.	F&I 4-CONDUCTOR OPTICOM DETECTOR CABLE
8048	1 EACH	F&I 3 M OPTICOM DETECTOR EYE
8061	57 L.F.	ELECTRICAL CABLE - 7 CONDUCTOR NO 14 AWG

CONSTRUCTION DETAILS

- A. INSTALL OPTICOM DETECTOR EYE ON EXISTING MAST ARM.
B. REMOVE EXISTING SIGNAL HEAD AND INSTALL 4 SECTION SIGNAL HEAD.

GEOMETRIC LEGEND

PROPOSED _____
EXISTING _____

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE — A — A — A
ELECTRIC — E — E — E
TELEPHONE — T — T — T
GAS — G — G — G
SEWER — S — S — S
WATER — W — W — W
CABLE TV — TV — TV — TV

SIGNALS

1-6,8
R
Y
G
12"

PROPOSED SIGNAL

7
R
Y
G
12"

PROPOSED OPTICOM

10
←Beards Point Rd.
Brick Church Rd. →
D3-2 MOD
32"x VARIABLE

12
←Brick Church Rd.
Beards Point Rd. →
D3-2 MOD
32"x VARIABLE

14
EAST
214
→

15
WEST
214
←

17
WEST
214
←

18
EAST
214
→

ASSOCIATED SHIELD
ASSEMBLY
36" X 60"

ASSOCIATED SHIELD
ASSEMBLY
36" X 60"

ASSOCIATED SHIELD
ASSEMBLY
36" X 60"

ASSOCIATED SHIELD
ASSEMBLY
36" X 60"

EXISTING SIGNS

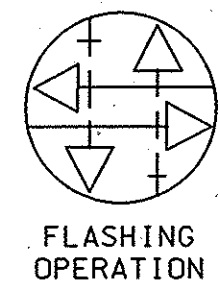
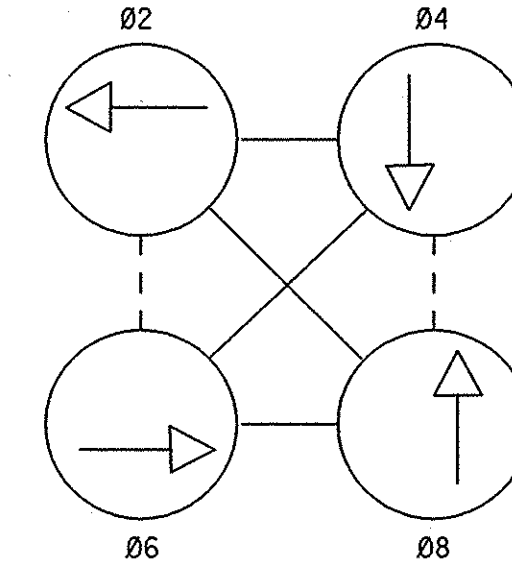
16,20
W3-3
36" X 36"

9
←Beards Point Rd
Brick Church Rd. →
W3-3
48" X 48"

11
←Brick Church Rd
Beards Point Rd. →
W3-3
48" X 48"

19,21
RIGHT LANE
MUST
TURN RIGHT
R3-7R
30" X 30"

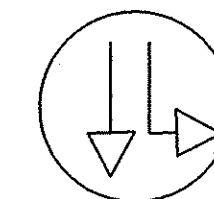
NEMA PHASING



- PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

PRE-EMPTION

SB BEARDS POINT RD.



GENERAL NOTES:

1. PAVEMENTS MARKINGS DETAILED ARE PROPOSED AND TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A STANDARDS
2. THE LOOP DETECTORS AND CONDUIT ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.

TOD NO: AT936-28
SHA NO: AA522A5B/B5B
MD 424, MD648, MD214



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 214 @ BEARDS POINT/BRICK
CHURCH ROADS

APPROVALS

TEAM LEADER

ASST. DIR. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

REVISIONS

8/07 AT9365185
INSTALL OPTICOM DETECTOR EYE
FOR SB BEARDS POINT RD.
8/07
A REPLACE LOOP DETECTORS ON
NB BRICK CHURCH RD DUE TO
NEW GEOMETRICS 8/2000
JAH MAR DAZ BRK BRK

SCALE 1" = 20' ADVERTISED DATE 6-23-94 CONTRACT NO.

DESIGNED BY: COUNTY ANNE ARUNDEL
DRAWN BY: LOGMILE 02021404.42
CHECKED BY: TMS NO.
F.A.P. NO. TOD NO.

TS NO. 3439 B DRAWING OF SHEET NO. 3 OF 3

PLOTTED: Wednesday, September 19, 2007 at 10:02:36 AM
FILE: 1407GPO3.dgn

BY: bitompson